

ASSIGNMENT

WHEREAS, We, Susan Croll-Kalish, residing at 150 Altamont Avenue, Tarrytown, New York, a citizen of the United States of America; Stanley J. Wiegand, residing at 21 Overton Road, Ossining, New 10562, a citizen of the United States of America; Peter S. DiStefano, residing at 80 Mt. Vickery Road, Southborough, Massachusetts 01772; and Ronald M. Lindsay, residing at 1041 Old Marlboro Road, Concord, Massachusetts 01742, a citizen of Great Britain (HEREINAFTER CALLED "ASSIGNORS") are inventor(s) of the invention(s) disclosed and/or claimed in the following patent application:

PCT/US97/14536 filed August 19, 1997;
USSN 60/028,566 filed October 16, 1996; and

WHEREAS, REGENERON PHARMACEUTICALS INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under the said applications;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed in the above-described United States applications, and in and to said United States Applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States applications under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest HEREINAFTER assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY HEREOF, WE hereunto set our hands and seals the day and year set opposite our signatures.

Dated: May 17, 1999

Susan Croll-Kalish S.S.
Susan Croll-Kalish

State of New York

S.S.

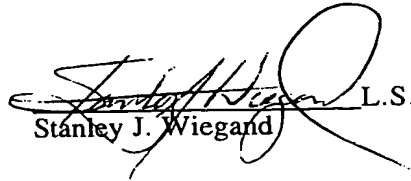
County of Westchester

On this 17th day May 1999, before me, Robert J. Cobert, a Notary Public in and for the State and County aforesaid, personally appeared Susan Croll-Kalish, to me known, and to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

Robert J. Cobert
Notary Public

ROBERT J. COBERT
Notary Public, State of New York
No. 02C05051002
Qualified in Westchester County
Commission Expires October 23, 1999

Dated: May 18, 1999


Stanley J. Wiegand L.S.

State of New York
S.S.
County of Westchester

On this 18th day May 1999, before me,
Robert J. Cobert, a Notary Public in and for the State and County aforesaid,
personally appeared Stanley J. Wiegand, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

ROBERT J COBERT
Notary Public, State of New York
No. 02CO5051002
Qualified in Westchester County
Commission Expires October 23, 1999


Notary Public

Dated: _____

Peter S. DiStefano L.S.

State of
S.S.
County of

On this _____ day _____, before me,
_____, a Notary Public in and for the State and County aforesaid,
personally appeared Peter S. DiStefano, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

Notary Public

Dated: _____

Stanley J. Wiegand L.S.

State of New York

S.S.

County of Westchester

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act and deed.

Mary F. Tughi
Notary Public

Dated: 4/26/99

Peter S. DiStefano
Peter S. DiStefano L.S.

State of Mass.

S.S.

County of Middlesex

On this 26th day of April, before me,
_____, a Notary Public in and for the State and County aforesaid,
personally appeared Peter S. DiStefano, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

Mary F. Tughi
Notary Public
Exp May 27, 2005

PCT/US97/14536
USSN 60/028,566
Assignment
Page 4

Dated: May 14th 1999

Ronald M. Lindsay L.S.
Ronald M. Lindsay

State of Massachusetts
County of Middlesex S.S.

On this 14th day May 1999, before me,
Linda J. Heath, a Notary Public in and for the State and County aforesaid,
personally appeared Ronald M. Lindsay, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

Linda J. Heath
Notary Public
Commission Expires: 6/10/03

ASSIGNMENT

WHEREAS, We, Susan Croll-Kalish, residing at 150 Altamont Avenue, Tarrytown, New York, a citizen of the United States of America; Stanley J. Wiegand, residing at 21 Overton Road, Ossining, New 10562, a citizen of the United States of America; Peter S. DiStefano, residing at 80 Mt. Vickery Road, Southborough, Massachusetts 01772; and Ronald M. Lindsay, residing at 1041 Old Marlboro Road, Concord, Massachusetts 01742, a citizen of Great Britain (HEREINAFTER CALLED "ASSIGNORS") are inventor(s) of the invention(s) disclosed and/or claimed in the following patent application:

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IN TESTIMONY HEREOF, WE hereunto set our hands and seals the day and year set opposite our signatures.

Dated: May 17, 1999

Susan Croll-Kalish S.S.
Susan Croll-Kalish

State of New York

S.S.

County of Westchester

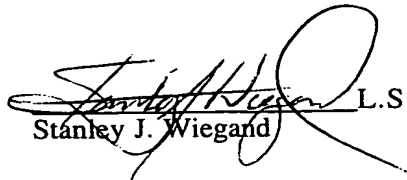
On this 17th day May 1999, before me, Robert J. Covert, a Notary Public in and for the State and County aforesaid, personally appeared Susan Croll-Kalish, to me known, and to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

Robert J. Covert
Notary Public

ROBERT J. COBERT
Notary Public, State of New York
No. 02CO5051002
Qualified in Westchester County
Commission Expires October 23, 1999

PCT/US97/14536
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Page 3

Dated: May 18, 1999


Stanley J. Wiegand L.S.

State of New York

S.S.

County of Westchester

On this 18th day May 1999, before me,
Robert J. Cobert, a Notary Public in and for the State and County aforesaid,
personally appeared Stanley J. Wiegand, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

ROBERT J COBERT
Notary Public, State of New York
No. 02CO5051002
Qualified in Westchester County 99
Commission Expires October 23, 1999


Notary Public

Dated: _____

Peter S. DiStefano L.S.

State of

S.S.

County of

On this _____ day _____, before me,
_____, a Notary Public in and for the State and County aforesaid,
personally appeared Peter S. DiStefano, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

Notary Public

PCT/US97/14536
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Page 3

Dated: _____

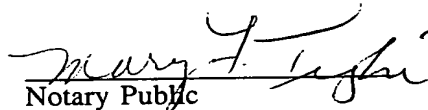
Stanley J. Wiegand L.S.

State of New York

S.S.

County of Westchester

On this _____ day _____, before me,
_____, a Notary Public in and for the State and County aforesaid,
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act and deed.


Notary Public

Dated: 4/26/99

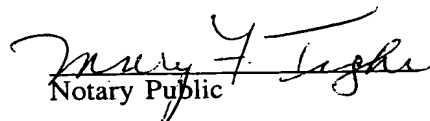

Peter S. DiStefano L.S.

State of Mass.

S.S.

County of Middlesex

On this 26th day of April, before me,
_____, a Notary Public in and for the State and County aforesaid,
personally appeared Peter S. DiStefano, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.


Notary Public
Exp May 27, 2005

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Page 4

Dated: May 14th 1999

Ronald M. Lindsay L.S.
Ronald M. Lindsay

State of Massachusetts
County of Middlesex S.S.

On this 14th day May 1999, before me,
Linda J. Heath, a Notary Public in and for the State and County aforesaid,
personally appeared Ronald M. Lindsay, to me known, and to me known to be the person of that
name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free
act and deed.

Linda J. Heath
Notary Public
Commission Expires: 06/01/03